

L Number	Hits	Search Text	DB	Time stamp
1	1483	correlat\$4 near2 equation	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/07 18:46
2	9	(correlat\$4 near2 equation ) near3 modif\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/07 18:48
3	49	(correlat\$4 near2 equation ) same modif\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/07 18:48
4	40	((correlat\$4 near2 equation ) same modif\$4) not ((correlat\$4 near2 equation ) near3 modif\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/07 20:30
5	12344	known adj sequence	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/07 20:31
6	293065	correlat\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/07 20:31
7	103	(known adj sequence) near4 correlat\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/07 20:31
8	2025330	buffer memory register	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/07 20:32
9	8	((known adj sequence) near4 correlat\$4) same (buffer memory register)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/07 20:38
10	595	correlat\$4 adj equation	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/07 20:43
11	4	(correlat\$4 adj equation) near3 modif\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/07 20:39
12	0	(known adj sequence) same (correlat\$4 adj equation)	USPAT	2003/10/07 20:40
13	0	375/all	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/07 20:43
14	0	375/all.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/07 20:43
15	47609	375/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/07 20:43
16	30	(correlat\$4 adj equation) and 375/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/10/07 20:43

US-PAT-NO: 6424673

DOCUMENT-IDENTIFIER: US 6424673 B1

TITLE: Method and apparatus in a wireless  
communication system for facilitating detection of, and  
synchronization with, a predetermined synchronization  
signal

----- KWIC -----

Detailed Description Text - DETX (37):

and there are 4 samples per symbol. In the  
cross-correlation equation  
above, N is then 256. A straightforward calculation of the  
cross-correlation  
would thus require  $256 \times 2 = 512$  memory locations, and  
further would require  
256 multiplications and 256 additions 0.25 microsecond.  
This is equivalent to  
1024 million instructions per second (MIPS).

Detailed Description Text - DETX (39):

where  $g_{sub.s}$  represents the symbol pulse. Substituting  
the right side of  
the above equation into the cross-correlation equation and  
simplifying the  
equation with the intent of reducing the memory and  
processing requirements  
~~produces the following transformation.~~ ##EQU11##

Current US Original Classification - CCOR (1):  
375/149

Current US Cross Reference Classification - CCXR (2):  
375/364